

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H01H13/70 G06F3/02 H01H13/06

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H01H G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 03/097322 A (PURCOCKS, DALE, MCPHEE) 27 November 2003 (2003-11-27)	3,9,10, 12,13,15
Y	page 32, paragraph 4 - page 34, paragraph 1; figures 31-37	11,20,21
X	US 5 939 690 A (YASUI ET AL) 17 August 1999 (1999-08-17)	19
Y	column 3, line 44 - column 4, line 19; figures 1,2,5	11,20,21
X	DE 32 41 159 A1 (FA. GEORG SCHLEGEL; FA. GEORG SCHLEGEL, 7941 DUERMINGEN, DE) 10 May 1984 (1984-05-10)	19
	page 8, line 3 - line 15; figures	
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Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

15 April 2005

Date of mailing of the international search report

27/04/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax (+31-70) 340-3016

Authorized officer

Ramírez Fueyo, M

INTERNATIONAL SEARCH REPORT

International Application No

IB2004/004020

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4 705 925 A (VERMEULEN ET AL) 10 November 1987 (1987-11-10) cited in the application the whole document -----	1-21
A	DE 83 34 679 U1 (SIEMENS AG, 1000 BERLIN UND 8000 MUENCHEN, DE) 1 March 1984 (1984-03-01) the whole document -----	1-21

INTERNATIONAL SEARCH REPORT

International application No.
PCT/IB2004/004020

Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this International application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☒ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-18, 20, 21

Switch, keyboard containing the same and method for the manufacture thereof.

2. claim: 19

Dome member

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

IB2004/004020

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 03097322	A	27-11-2003	AU 2003219443 A1 EP 1521665 A2 WO 03097322 A2	02-12-2003 13-04-2005 27-11-2003
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US 4705925	A	10-11-1987	DE 8515869 U1 AT 38739 T DE 3661233 D1 EP 0204223 A1 JP 61278918 A	13-11-1986 15-12-1988 22-12-1988 10-12-1986 09-12-1986
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